

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112123\
 Data File : BG059807.D
 Acq On : 22 Nov 2023 1:08
 Operator : MA/JU
 Sample : 05379-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: Nov 22 02:12:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	23702	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	110193	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	112754	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	277831	20.000	ng	0.00
76) Chrysene-d12	22.043	240	222646	20.000	ng	# 0.00
86) Perylene-d12	25.627	264	252337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	181550	128.923	ng	0.00
7) Phenol-d6	7.460	99	243386	116.630	ng	0.00
23) Nitrobenzene-d5	9.540	82	257255	89.162	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	225578	176.325	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	785847	93.814	ng	0.00
79) Terphenyl-d14	20.292	244	1667165	110.541	ng	0.00

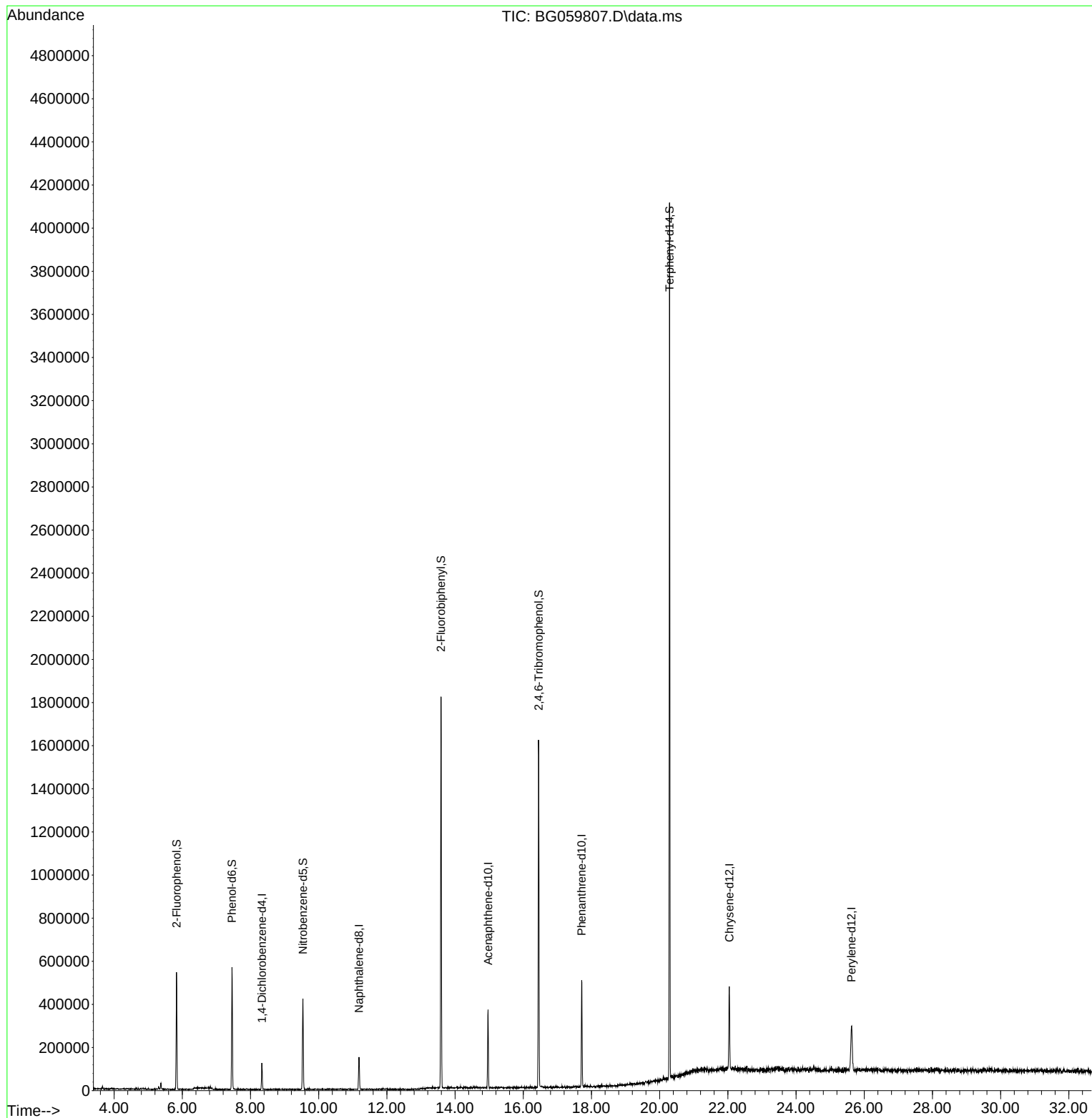
Target Compounds	Qvalue

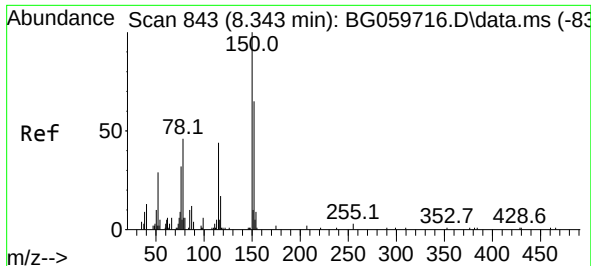
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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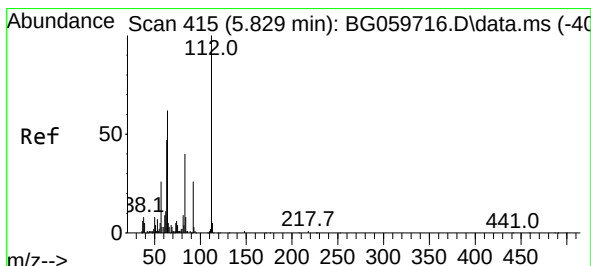
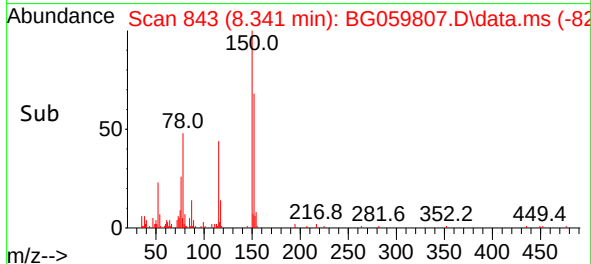
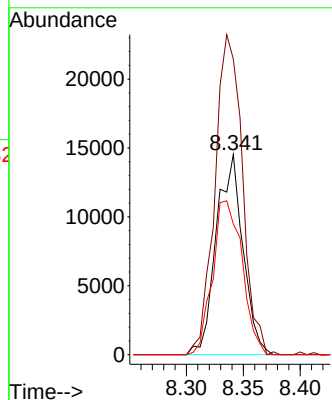
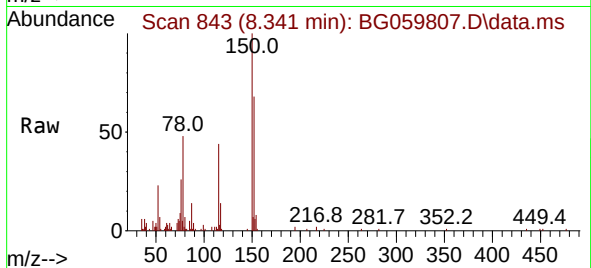




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.341 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

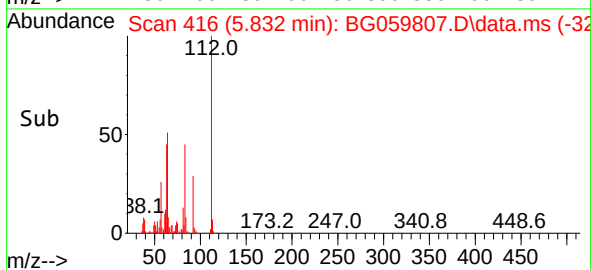
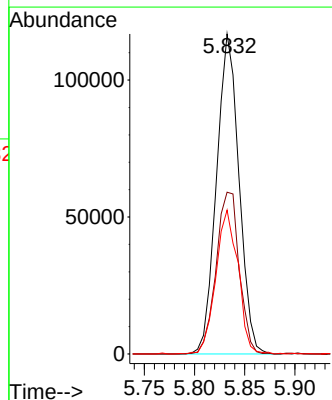
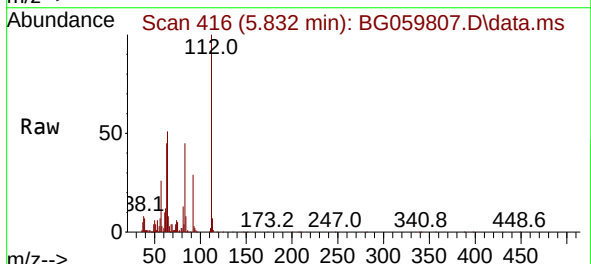
Instrument :
BNA_G
ClientSampleId :
WC-5

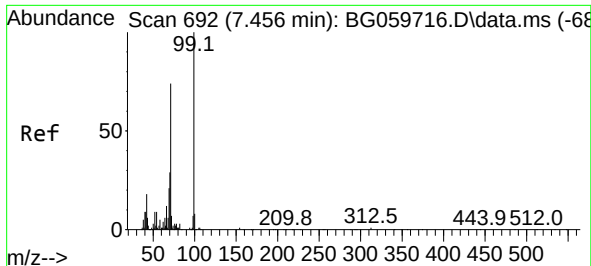
Tgt Ion:152 Resp: 23702
Ion Ratio Lower Upper
152 100
150 147.7 122.2 183.4
115 65.3 54.2 81.4



#5
2-Fluorophenol
Concen: 128.923 ng
RT: 5.832 min Scan# 416
Delta R.T. 0.004 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion:112 Resp: 181550
Ion Ratio Lower Upper
112 100
64 50.6 49.5 74.3
63 44.9 37.4 56.2

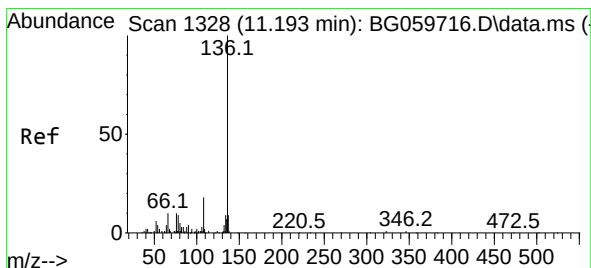
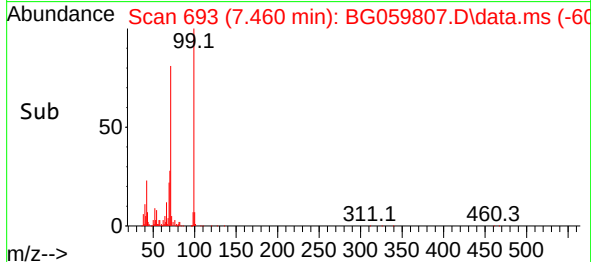
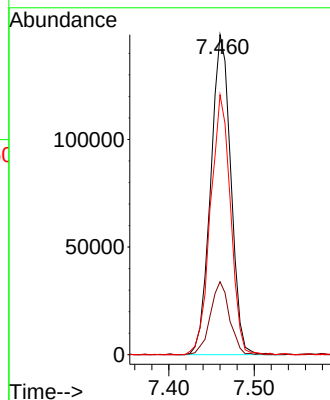
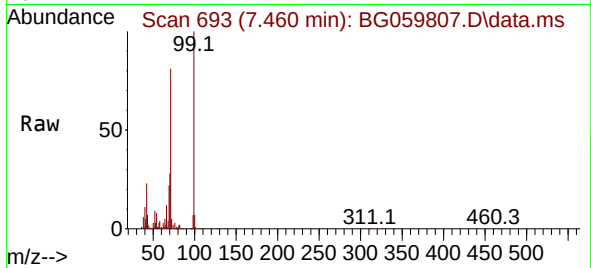




#7
Phenol-d6
Concen: 116.630 ng
RT: 7.460 min Scan# 692
Delta R.T. 0.004 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

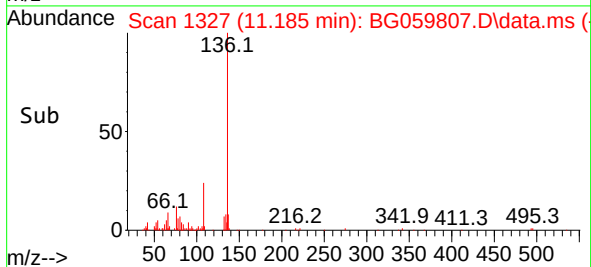
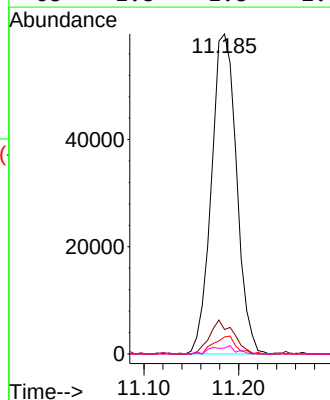
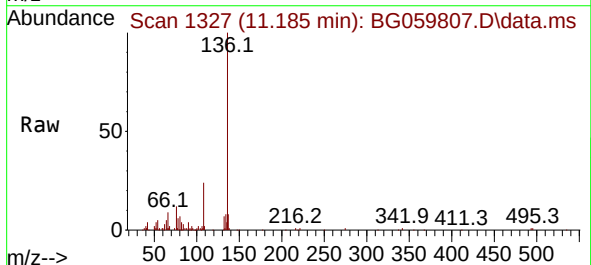
Instrument :
BNA_G
ClientSampleId :
WC-5

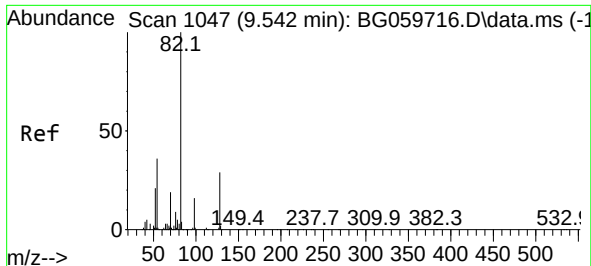
Tgt Ion: 99 Resp: 243386
Ion Ratio Lower Upper
99 100
42 22.8 14.3 21.5#
71 81.2 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.185 min Scan# 1327
Delta R.T. -0.008 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion: 136 Resp: 110193
Ion Ratio Lower Upper
136 100
137 7.6 7.4 11.0
54 5.3 3.1 4.7#
68 1.8 1.8 2.8

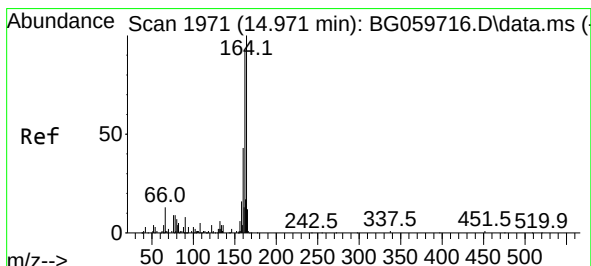
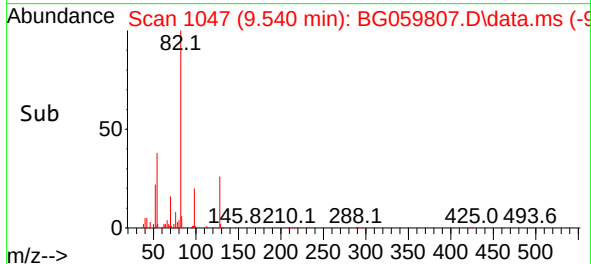
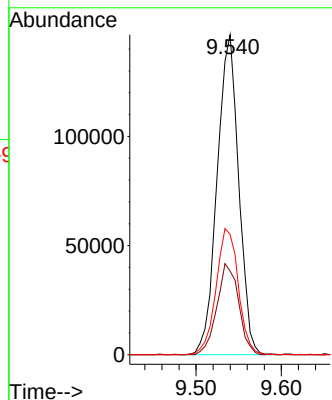
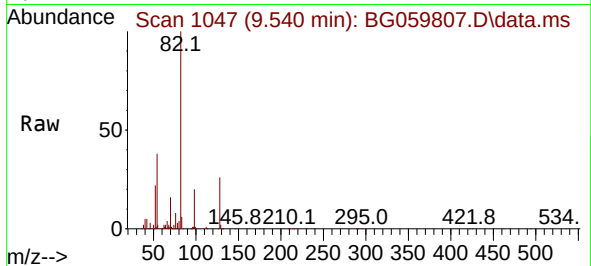




#23
Nitrobenzene-d5
Concen: 89.162 ng
RT: 9.540 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

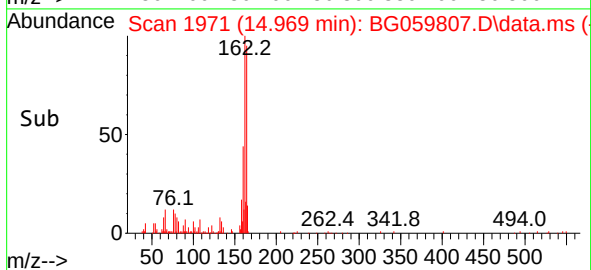
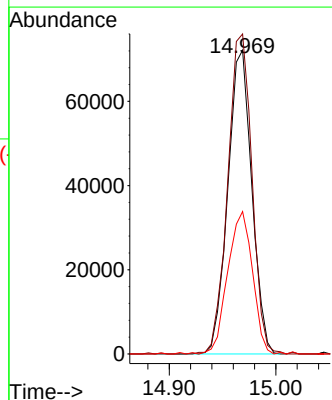
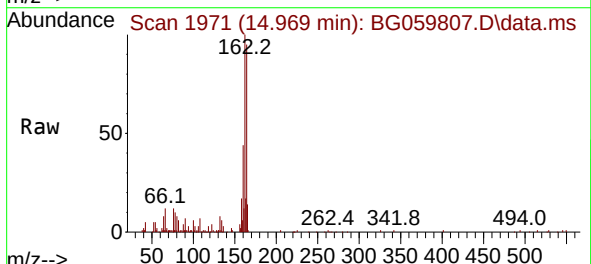
Instrument :
BNA_G
ClientSampleId :
WC-5

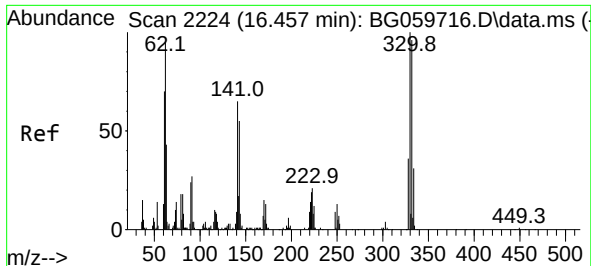
Tgt Ion: 82 Resp: 257255
Ion Ratio Lower Upper
82 100
128 26.1 23.0 34.6
54 37.6 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion:164 Resp: 112754
Ion Ratio Lower Upper
164 100
162 105.3 73.3 109.9
160 46.9 34.1 51.1

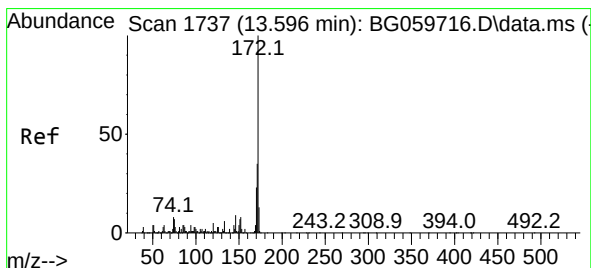
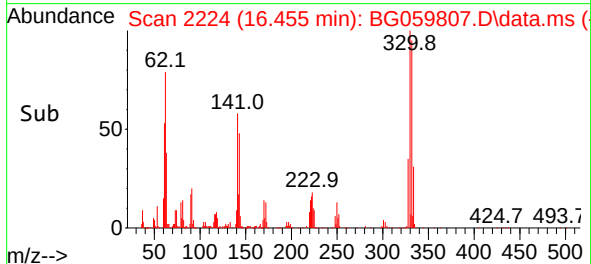
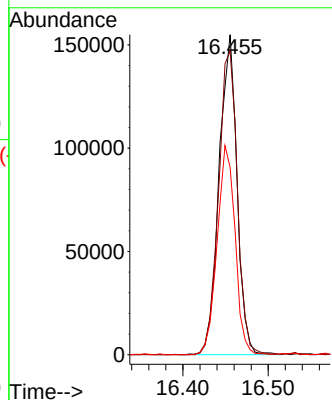
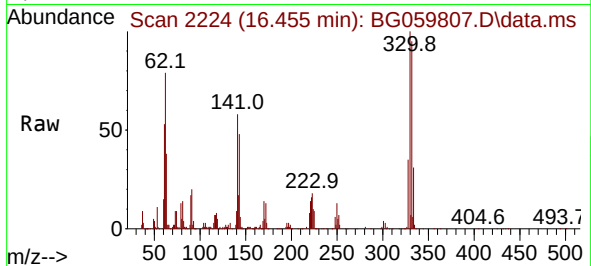




#42
2,4,6-Tribromophenol
Concen: 176.325 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

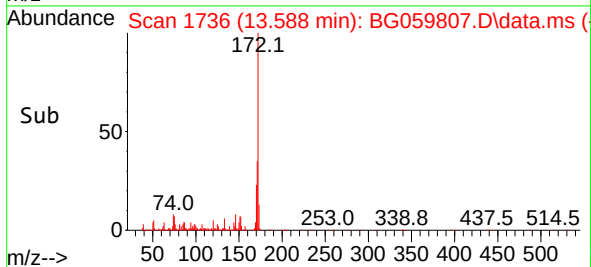
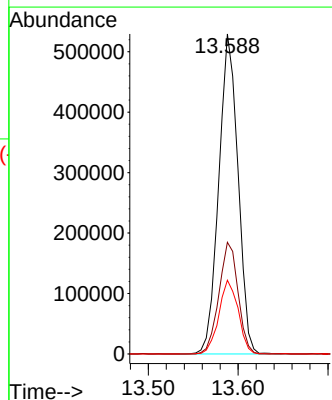
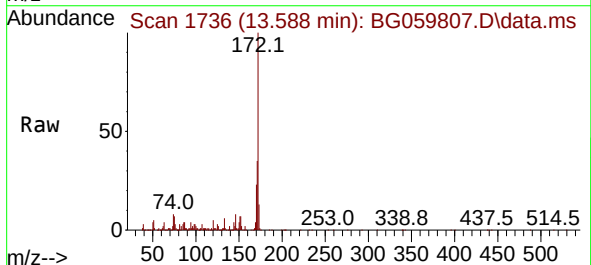
Instrument :
BNA_G
ClientSampleId :
WC-5

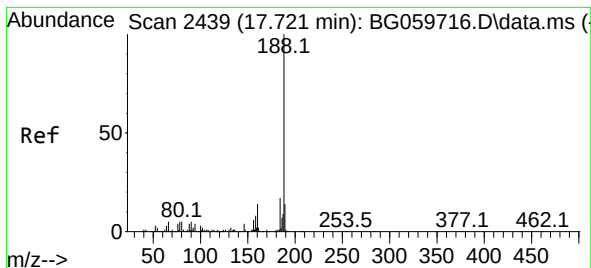
Tgt Ion:330 Resp: 225578
Ion Ratio Lower Upper
330 100
332 100.0 73.3 109.9
141 65.6 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 93.814 ng
RT: 13.588 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BG059807.D
Acq: 22 Nov 2023 1:08

Tgt Ion:172 Resp: 785847
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2438

Delta R.T. -0.008 min

Lab File: BG059807.D

Acq: 22 Nov 2023 1:08

Instrument :

BNA_G

ClientSampleId :

WC-5

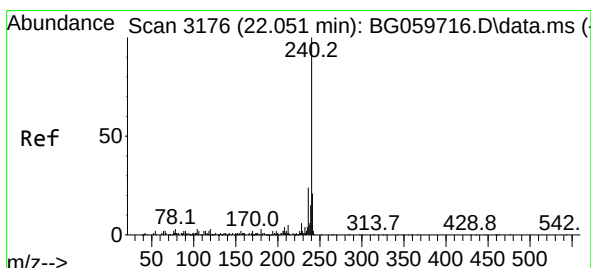
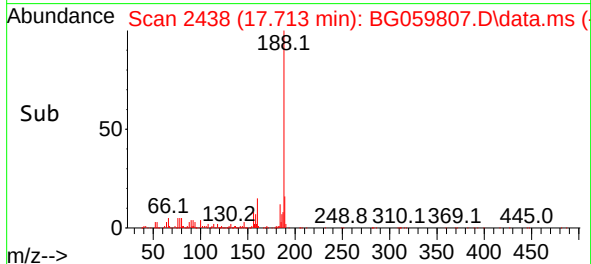
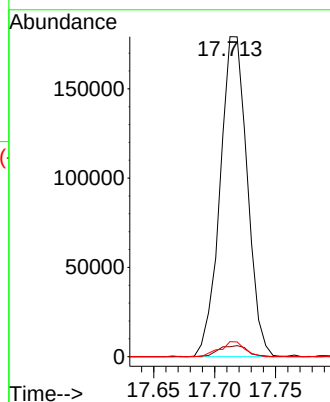
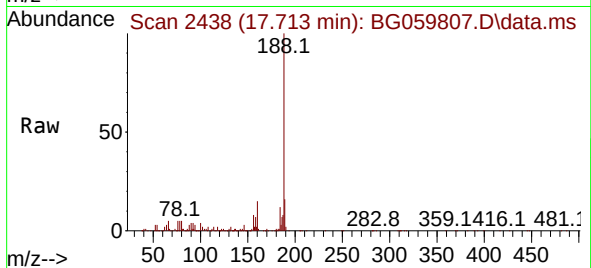
Tgt Ion:188 Resp: 277831

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 4.7 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.043 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BG059807.D

Acq: 22 Nov 2023 1:08

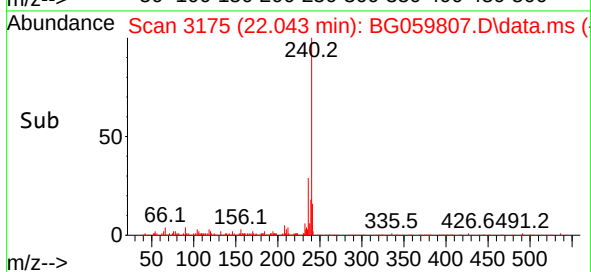
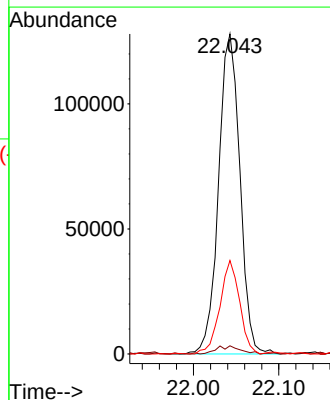
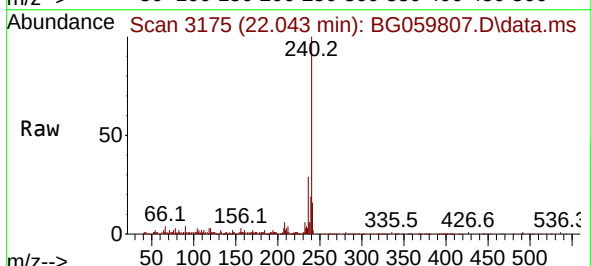
Tgt Ion:240 Resp: 222646

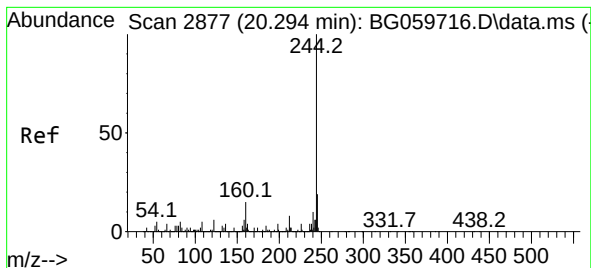
Ion Ratio Lower Upper

240 100

120 2.6 2.2 3.2

236 29.2 19.4 29.2#





#79

Terphenyl-d14

Concen: 110.541 ng

RT: 20.292 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059807.D

Acq: 22 Nov 2023 1:08

Instrument :

BNA_G

ClientSampleId :

WC-5

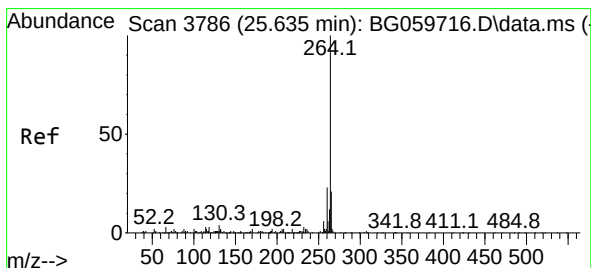
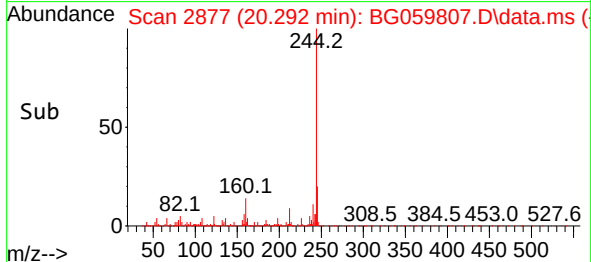
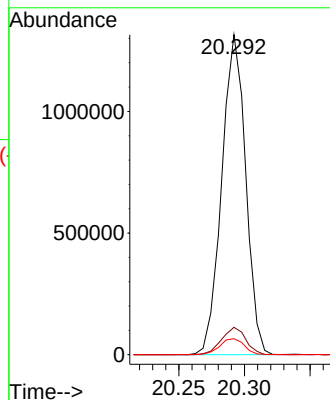
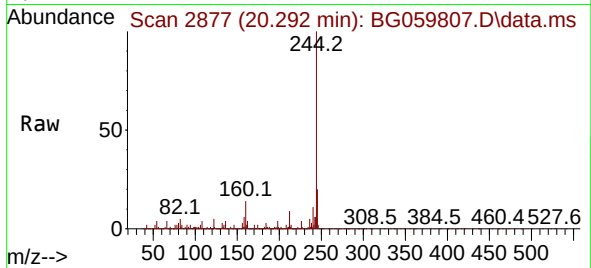
Tgt Ion:244 Resp: 1667165

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 5.0 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.627 min Scan# 3785

Delta R.T. -0.008 min

Lab File: BG059807.D

Acq: 22 Nov 2023 1:08

Tgt Ion:264 Resp: 252337

Ion Ratio Lower Upper

264 100

260 18.7 18.5 27.7

265 19.5 17.0 25.6

